

## CERTIFICATE FROM THE SUPERVISOR

I/ We hereby certify that the research work described in the thesis entitled, “-----  
-----” has been carried out by  
Mr./ Ms..... (Ph.D. Registration No:-----) at  
the School of ----- Sciences, Indian Association for the Cultivation of Science,  
Kolkata, India, under my/ our supervision and that neither any part of the thesis nor the whole  
of the thesis has been submitted to any University or Institution for obtaining any degree /  
diploma /academic award.

Signature of the thesis supervisor with date official seal

Signature of the thesis co-supervisor with date official seal (If applicable)